

10/17/03
17698 U.S. PTO

UTILITY APPLICATION

Attorney Docket No.: NIH218.001C1

First Named Inventor: XIN-XING GU

Title: INTRANASAL IMMUNIZATION WITH DETOXIFIED
LIPOOLIGOSACCHARIDE FROM NONTYPEABLE
HAEMOPHILUS INFLUENZAE OR MORAXELLA
CATARRHALIS

Express Mail Label No.: EV 309082535 US

Direct all correspondence to Customer No.: 20995

Date: October 17, 2003

Page 1 of 2

17858 U.S. PTO
10/688115

10/17/03

Mail Stop Patent Application

United States Patent and Trademark Office

PO Box 1450

Alexandria, VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor(s):

1. Xin-Xing Gu

APPLICATION ELEMENTS:

(X) Specification in 41 pages.

(X) Drawings in 19 sheets.

CONTINUITY INFORMATION:

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Continuation	PCT/US01/32331	10/16/01	Pending
PCT/US01/32331	Benefit of Priority	60/288,695	5/3/01	Expired
PCT/US01/32331	Continuation-in-Part	09/789,017	2/20/01	Issued
09/789,017	Divisional	08/842,409	4/23/97	Issued
08/842,409	Benefit of Priority	60/016,020	4/23/96	Expired
PCT/US01/32331	Continuation-in-Part	09/610,034	7/5/00	Pending
09/610,034	Continuation	PCT/US99/00590	1/12/99	Pending
PCT/US99/00590	Benefit of Priority	60/071,483	1/13/98	Expired

(X) Incorporation by Reference. The entire disclosure of the prior application(s) is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

OTHER APPLICATION PARTS:

(X) Return prepaid postcard.

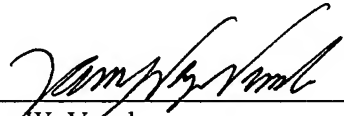
UTILITY APPLICATION	Attorney Docket No.: NIH218.001C1
	First Named Inventor: XIN-XING GU
	Title: INTRANASAL IMMUNIZATION WITH DETOXIFIED LIPOOLIGOSACCHARIDE FROM NONTYPEABLE HAEMOPHILUS INFLUENZAE OR MORAXELLA CATARRHALIS
	Express Mail Label No.: EV 309082535 US
Direct all correspondence to Customer No.: 20995	
Date: October 17, 2003 Page 2 of 2	

FILING FEES:

FEE CALCULATION				
FEE TYPE		FEE CODE	CALCULATION	TOTAL
Basic Utility		1001 (\$770)		\$770
Non-English Spec.		1053 (\$130)		\$0
Recordation Fee		8021 (\$40)	0 x 40 =	\$0
Excess Claims > 20	44 - 20 = 24	1202 (\$18)	24 x 18 =	\$432
Independent > 3	2 - 3 = 0	1201 (\$86)	0 x 86 =	\$0
Multiple Claim		1203 (\$290)		\$290
			TOTAL FEE DUE	\$1492

(X) A check in the amount of **\$1492** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



 Nancy W. Vensko
 Registration No. 36,298
 Attorney of Record
 Customer No. 20,995
 (805) 547-5580

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : NIH218.001C1

Applicant(s) : Xin-Xing Gu

For : INTRANASAL IMMUNIZATION WITH
DETOXIFIED LIPOOLIGOSACCHARIDE
FROM NONTYPEABLE HAEMOPHILUS
INFLUENZAE OR MORAXELLA
CATARRHALIS

Attorney : Nancy W. Vensko

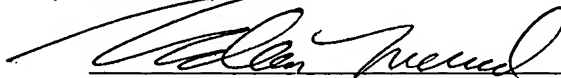
"Express Mail"
Mailing Label No. : EV 309082535 US

Date of Deposit : October 17, 2003

I hereby certify that the accompanying

Transmittal letter; specification in 41 pages; 19 sheets of drawings; Check for
Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Nelson Merida

O:\DOCS\NWV\NWV-9016.DOC:DMA 101303